

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PSD/44895PCT	<div style="display: flex; justify-content: space-between;"> <div>FOR FURTHER ACTION</div> <div>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div> </div>	
International application No. PCT/IB 2004/052204	International filing date (<i>day/month/year</i>) 26 October 2004	(Earliest) Priority Date (<i>day/month/year</i>) 27 October 2003
Applicant Nokia Corporation et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

Method and mobile terminal for accessing a service portal via bi-directional network

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 8

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2004/052204

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/22, H04L 12/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04L, H04M, H04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20030174678 A1 (JON-WEON CHANG ET AL), 18 Sept 2003 (18.09.2003), figure 8, [0028] --	1,3,6,10,12, 15
A	US 20020142757 A1 (NIKOLAI K.N. LEUNG ET AL), 3 October 2002 (03.10.2002), abstract --	1-30
PA	EP 1359774 A1 (SAMSUNG ELECTRONICS CO., LTD.), 5 November 2003 (05.11.2003), [0020] --	1-30
PA	EP 1420551 A2 (SAMSUNG ELECTRONICS CO. LTD.), 19 May 2004 (19.05.2004), [0008]-[0009]; [0011] -- -----	1-30

☐ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

2 March 2005

Date of mailing of the international search report

03 -03- 2005

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.

PCT/IB 2004/052204

US 20030174678 A1 18/09/2003

CN	1455539 A	12/11/2003
DE	10311321 A	30/10/2003
FR	2838260 A	10/10/2003
GB	0305538 D	00/00/0000
GB	2387748 A,B	22/10/2003
JP	2003338842 A	28/11/2003

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.

PCT/IB 2004/052204

US	20020142757	A1	03/10/2002	CA	2442655	A	10/10/2002
				EP	1374528	A	02/01/2004
				EP	1374529	A	02/01/2004
				IL	158130	D	00/00/0000
				JP	2004535698	T	25/11/2004
				NO	20034316	A	10/11/2003
				TW	579629	B	00/00/0000
				WO	02080589	A	10/10/2002
				WO	02080590	A	10/10/2002
				BR	0208496	A	19/10/2004
				BR	0208735	A	13/07/2004
				CA	2442378	A	10/10/2002
				CA	2442383	A	10/10/2002
				CA	2442503	A	10/10/2002
				CA	2442622	A	10/10/2002
				CA	2442625	A	10/10/2002
				CA	2442641	A	10/10/2002
				CA	2442650	A	10/10/2002
				CA	2442656	A	10/10/2002
				EP	1374440	A	02/01/2004
				EP	1374477	A	02/01/2004
				EP	1374483	A	02/01/2004
				EP	1374506	A	02/01/2004
				EP	1378145	A	07/01/2004
				EP	1382177	A	21/01/2004
				EP	1382178	A	21/01/2004
				EP	1389386	A	18/02/2004
				IL	158161	D	00/00/0000
				IL	158162	D	00/00/0000
				IL	158164	D	00/00/0000
				JP	2004531937	T	14/10/2004
				JP	2004532554	T	21/10/2004
				JP	2004533152	T	28/10/2004
				JP	2004533746	T	04/11/2004
				NO	20034339	A	21/11/2003
				NO	20034340	A	10/11/2003
				NO	20034341	A	21/11/2003
				TW	550926	B	00/00/0000
				TW	569579	B	00/00/0000
				TW	571535	B	00/00/0000
				TW	571596	B	00/00/0000
				TW	577204	B	00/00/0000
				TW	579630	B	00/00/0000
				TW	591961	B	11/06/2004
				US	6707801	B	16/03/2004
				US	20020141365	A	03/10/2002
				US	20020141371	A	03/10/2002
				US	20020141391	A	03/10/2002
				US	20020141447	A	03/10/2002
				US	20020141591	A	03/10/2002
				US	20020142730	A	03/10/2002
				US	20020181423	A	05/12/2002
				US	20030134655	A	17/07/2003
				US	20030228861	A	11/12/2003
				WO	02080401	A	10/10/2002

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/01/2005

International application No.

PCT/IB 2004/052204

US	20020142757	A1	03/10/2002	WO	02080449 A	10/10/2002
				WO	02080454 A	10/10/2002
				WO	02080488 A	10/10/2002
				WO	02080489 A	10/10/2002
				WO	02080490 A	10/10/2002
				WO	02080588 A	10/10/2002
				WO	02080609 A	10/10/2002
<hr/>						
EP	1359774	A1	05/11/2003	CN	1457165 A	19/11/2003
				JP	2004166197 A	10/06/2004
				KR	2003086195 A	07/11/2003
				US	20040008657 A	15/01/2004
<hr/>						
EP	1420551	A2	19/05/2004	JP	2004187279 A	02/07/2004
				US	20040180675 A	16/09/2004
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